

ABSTRACT OF THE DISCLOSURE

When a pulsed voltage is applied to a drive electrode,
an electric field is concentrated in the vicinity of a slit,
5 producing a field emission phenomenon. The emitted
electrons are applied through an electrically conductive
coating layer and an electron passage layer to a fluorescent
layer when a bias voltage is applied to a transparent
electrode. The fluorescent layer is excited to emit light
10 through the transparent electrode as indicated by the
arrows. Light-emitting devices may be arranged in a two-
dimensional array, providing a field emission display.